AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (**Currently amended**) The method of claim [[1]] 17, wherein the plurality of consecutive images are acquired in different acquisition conditions.

5. (Original) The method of claim 4, wherein the plurality of consecutive images are acquired using different exposure times.

6. (Original) The method of claim 4, wherein the plurality of consecutive images are acquired using different aperture.

7. (Original) The method of claim 4, wherein the plurality of consecutive images are acquired using different focusing distance.

8. (**Currently amended**) The method of claim [[1]] 17, carried out in an image domain.

9. (**Currently amended**) The method of claim [[1]] 17, carried out in a compressed image domain.

10. (Original) The method of claim 9, wherein the compressed image domain is JPEG or MPEG.

11-16 (Cancelled)

17. (**New**) A method for enhancing imaging in low light conditions, comprising:

acquiring image data relating to a plurality of consecutive images;

applying spatial and temporal filtering to a signal corresponding to the acquired image data;

detecting local motion indication in the filtered image data;

filtering the detected local motion indication;

using a look up table, said look up table assigning greater weights to areas of greater local motion indication and lower weights to areas of smaller local motion indication, to obtain a local motion factor; and

producing final image data by combining the acquired image data with a temporally filtered signal of the acquired image data using the local motion factor.

18. (**New**) The method as claimed in claim 17, wherein the signal corresponding to the acquired image data comprises a luminance signal extracted from the acquired image data.

19. (**New**) The method as claimed in claim 18, wherein the luminance signal is obtained by performing color desaturation.